

# MATERIAL SAFETY DATA SHEET

## MAXI-CLEAR

### Maxi-Clear Spa Bromine Activator

<b>1. Product And Company Identification</b>			
<b><u>Supplier</u></b> Laporte Water Technologies, Incorporated 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States  Telephone Number: (770) 521-5999 FAX Number: (770) 521-5959	<b><u>Manufacturer</u></b> Laporte Water Technologies, Incorporated 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States  Telephone Number: (770) 521-5999 FAX Number: (770) 521-5959		
<b><u>Supplier Emergency Contacts &amp; Phone Number</u></b> CHEMTREC Day or Night: (800) 424-9300	<b><u>Manufacturer Emergency Contacts &amp; Phone Number</u></b> CHEMTREC Day or Night: (800) 424-9300		
Issue Date: 09/19/2000  Product Name: Maxi-Clear Spa Bromine Activator CAS Number: Not Established Chemical Family: Bromide Chemical Formula: Proprietary Mixture MSDS Number: 54			
<b>2. Composition/Information On Ingredients</b>			
	Ingredient Name	CAS Number	Percent Of Total Weight
SODIUM BROMIDE		7647-15-6	
SODIUM TETRABORATE PENTAHYDRATE		12179-04-3	
Ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available in 29CFR 1910.1200(i)(1).			
<b>3. Hazards Identification</b>			
<b><u>Primary Routes(s) Of Entry</u></b> Skin Contact			
<b><u>Eye Hazards</u></b> Causes eye irritation.			
<b><u>Skin Hazards</u></b> May cause skin irritation.			
<b><u>Ingestion Hazards</u></b> May cause nausea vomiting abdominal pain in severe cases Coma and Paralysis			
<b><u>Inhalation Hazards</u></b> Causes respiratory tract irritation.			
<b><u>Signs And Symptoms</u></b> Irritation of Eyes and Respiratory Passages			
<b><u>Conditions Aggravated By Exposure</u></b> None Known			

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### First Aid (Pictograms)



### 4. First Aid Measures

#### Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

#### Skin

In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes.

#### Ingestion

If victim is fully conscious, give one or two cups of water or milk to drink. Call a physician or a poison control center immediately.

#### Inhalation

If inhaled, remove to fresh air. Call a physician or a poison control center immediately.

### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

Flash Point: n/a °F

Flammability Class: NOT FLAMMABLE

#### Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire.

#### Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

### 6. Accidental Release Measures

Clean up spill immediately. Sweep up and remove immediately. Use appropriate containers to avoid environmental contamination.

### 7. Handling And Storage

#### Handling And Storage Precautions

Keep out of reach of children. Store material in a cool and dry ventilated place away from strong acids oxidizing agents bromine trifluoride and salts of heavy metals.

#### Storage Precautions

Do not reuse container. Store in a cool dry place. Store away from strong acids, Oxidizing agents, Bromine Trifluoride and salts of heavy metals.

#### Work/Hygienic Practices

Use safe chemical handling procedures suitable for the hazards presented by this material.

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### Protective Clothing (Pictograms)



### 8. Exposure Controls/Personal Protection

#### Engineering Controls

Local exhaust acceptable. Special exhaust not required

#### Eye/Face Protection

Safety glasses with side shields or goggles.

#### Skin Protection

Chemical-resistant gloves.

#### Respiratory Protection

General room ventilation is normally adequate.

#### Ingredient(s) - Exposure Limits

SODIUM TETRABORATE PENTAHYDRATE

ACGIH TLV-TWA 1 mg/m<sup>3</sup>

### 9. Physical And Chemical Properties

#### Appearance

White crystalline powder

#### Odor

None

Chemical Type: Mixture

Physical State: Solid

Melting Point: NOT DETERMINED °F

Boiling Point: NOT DETERMINED °F

Specific Gravity: NOT DETERMINED

Molecular Weight: NOT DETERMINED

Percent Volatiles: NOT DETERMINED

Vapor Pressure: NOT DETERMINED

Solubility: Soluble in water

Evaporation Rate: n/a

### 10. Stability And Reactivity

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

#### Incompatible Materials

Acids and Oxidizers, Bromine trifluoride and salts of heavy metals.

#### Hazardous Decomposition Products

Bromine gas

### 11. Toxicological Information

#### Skin Effects

Dermal LD<sub>50</sub> (Rabbit) >2g/kg